

*Wm. The Medical
Officer of Health*



City & County of Canterbury.

Annual Report

of the

Medical Officer of Health

and the

Sanitary Inspector

For the Year 1920.

CITY OF CANTERBURY.

SANITARY COMMITTEE, 1920.

Mayor :

Councillor WRIGHT HUNT.

Chairman :

Councillor J. McCLEMENS.

Alderman	W. WILTSHIER.	Councillor	L. K. PRENTICE.
„	R. A. BREMNER.	„	W. J. RUSSELL.
„	W. G. DICKINS.	„	J. G. B. STONE.
Councillor	R. H. ARROWSMITH.	„	F. WEST.
„	P. R. FINN.	„	L. G. WELLS.
„	H. G. JAMES.		

Town Clerk :

HENRY FIELDING, Esq.

Medical Officer of Health :

FRANK WACHER, M.R.C.S., L.S.A.

Sanitary Inspector :

SAMUEL JEFFERY, C.R.S.I.

Health Visitor :

Mrs. LOUISA MAUD MAGUIRE, C.M.B.
Queen Charlotte Hospital,

Disinfector :

GEORGE COX.

SUMMARY OF VITAL STATISTICS, 1920.

1911.	1920.
Population Census 24,621 ...	<div> <div>For Births ... 24.415</div> <div>For deaths ... 23.135</div> </div>
Area of District 3,976 acres ...	<div> <div>No. of persons per acre, 6.1</div> <div>No. of persons per house, 4.3</div> </div>
Births, Nett ... 593.	Birth Rate ... 24.2 per 1,000.
Average Birth Rate for six years—1915 to 1920—19.5.	
Deaths, Nett ... 258.	Death Rate, Nett ... 11.1.
Average Death Rate for six years—1915 to 1920—15.6.	
Deaths under 1 year of age—Nett, 36. Infantile Mortality 59, per 1,000 Births registered.	
Average Rate for six years—1915 to 1920—72.8.	
Excess of Births over Deaths—335.	

1920.

Statistics for England and Wales.

Birth Rate ...	24.9.
Death Rate ...	11.3.
Infantile Mortality ...	80 to 1,000 Births registered.

No. of Houses in Borough .. 5,669.

1920.

THE 44th ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1920.

To the Mayor, Aldermen and Councillors.

LADIES AND GENTLEMEN,

I have the honour of presenting to you my 44th Annual Report of the Health and Sanitary condition of the Borough for the past year.

Births.—The total number of births registered during the year was 613, 308 of which were males and 305 females. There were 7 inward and 27 outward transfers making the nett number of births 593, 299 of which were males and 294 females. There were 47 illegitimate births.

Birth Rate.—The nett birth rate of the estimated total population for 1920, viz.:—24,418 would be 24.2 per 1000. The birth rate for 148 smaller towns of England and Wales of populations from 20,000 to 50,000 was 24.9 per 1,000.

Deaths.—The total number of deaths registered during the year was 291, 138 of which were males and 153 females. There are 13 inward and 46 outward transfers, making the nett number of deaths 258, 118 of which were males and 140 females. There was a decrease of 105 deaths over 1919; of 139 over 1918; and of 195 over 1917.

Death Rate.—The nett civilian death rate of the estimated population for the purposes of death rate, viz.:—23,145 would be 11.1 per 1,000. The death rate for 148 smaller towns of England and Wales of population from 20,000 to 50,000, was 11.3 per 1,000.

The nett increase of births over deaths was 335.

There were: 38 deaths under 1 year of age.

4 deaths of 1 and under 2 years of age

13	„	2	„	5	„
7	„	5	„	15	„
10	„	15	„	25	„
35	„	25	„	45	„
59	„	45	„	65	„
125	„	65 years and upwards,			

making a total of 291.

Encephalitis Lethargica caused one death of 65 years of age and upwards.

Measles caused 4 deaths, increase 4, one of which, an outward transfer was admitted from Wye into the Kent & Canterbury Hospital, 1 under 1, 1 of 1 and under 2 and 2 of 2 years of age and under 5.

Diphtheria caused 1 death of 5 years of age and under 15—decrease 2.

Erysipelas caused 1 death of 65 years and upwards—same.

Whooping Cough caused 3 deaths, 2 of 1 and under 2, and 1 of 2 years of age and under 5—decrease 2.

Influenza caused 2 deaths, 1 of 2 and under 5 and 1 of 65 years of age and upwards. A mild type of this disease was prevalent in the early months of the year. The deaths from this disease were 36 less than last year. Influenza Vaccine was used by many of the doctors with good success. Pamphlets with precautions against Influenza were issued to every house in Canterbury.

Enteric Fever.—Nil.

Pulmonary Tuberculosis caused 12 deaths, 10 less than last year, 1 of 2 and under 5, 1 of 15 and under 25; 6 of 25 and under 45, and 4 of 45 years of age and under 65.

Tuberculous Meningitis caused 2 deaths of 5 years of age and under 15.

Other Tuberculous Diseases caused 2 deaths, including 1 outward transfer, *viz.*:—1 of 2 and under 5, 1 of 15 and under 25 and 1 of 25 years of age and under 45.—Increase 1.

Meningitis caused 3 deaths; 1 of 9 months, 1 of 5 and under 15, and 1 of 25 years of age and under 45.—Increase 4.

Rheumatic Fever caused 2 deaths; 1 of 2 and under 5, and 1 of 65 years of age and upwards.

Cancer, Malignant Disease caused 32 deaths (9 of which were brought into the City with their fatal disease upon them), 3 of 25 years of age and under 45, 16 of 45 and under 65, and 13 of 65 years of age and upwards.—Decrease 7.

Organic Heart Disease caused 33 deaths, including 5 outward transfers, *viz.* 1 of 2 years of age and under 5, 1 of 5 and under 15, 1 of 15 and under 25, 3 of 25 and under 45, 10 of 45 and under 65 and 17 of 65 years of age and upwards.—Decrease 17.

Bronchitis caused 25 deaths—decrease 2 ; 1 outward transfer, *viz.* 3 under 1 year of age, 1 of 5 and under 15, 1 of 15 and under 25, 1 of 45 and under 65 and 19 of 65 years of age and upwards.

Pneumonia (all forms) caused 12 deaths—increase 1 ; *viz.* 4 under 1, 1 of 1 and under 2, 3 of 2 and under 5, 1 of 5 and under 15, 1 of 15 and under 25, 1 of 45 and under 65, and 1 of 65 years of age and upwards.

Other Diseases of Respiratory Organs caused 5 deaths the same as last year, *viz.* 2 of 25 and under 45, 2 of 45 and under 65, and 1 of 65 years of age and upwards.

Diarrhœa and Enteritis caused 4 deaths—increase 1 ; all under 1 year.

Appendicitis and Typhlitis caused 4 deaths, including 2 outward transfers—increase 2, *viz.* 1 of 2 and under 5, 2 of 25 and under 45, and 1 of 65 years of age and upwards.

Cirrhosis of Liver caused 2 deaths—the same, *viz.* 1 of 25 and under 45, and 1 of 45 years of age and under 65.

Alcoholism—Nil.

Nephritis and Bright's Disease caused 7 deaths, increase 1, *viz.* 1 of 18 years of age and under 25, 1 of 25 and under 45, and 5 of 45 and under 65 years of age.

Puerperal Fever caused 1 death, brought into the district from Herne Bay, *viz.* of 25 years of age and under 45.

Other Accidents and Diseases of Pregnancy and Parturition caused 5 deaths—increase 5, all of 25 and under 45 years of age.*

Violent Deaths, excluding Suicide, caused 10 deaths—decrease 6, 2 of 5 years of age and under 15, 2 of 15 and under 25, 1 of 25 and under 45, 1 of 45 and under 65, and 4 of 65 years of age and upwards.

Suicide—Nil—decrease 5.

Senility caused 40 deaths—decrease 14, 2 between 90 and 100 years of age, 27 between 80 and 90, and 11 between 70 and 80 years of age.

Other Defined Diseases caused 53 deaths—decrease 17^f including 7 outward transfers, viz. 2 under 1 year of age, 2 of 2 and under 5, 2 of 15 and under 25, 4 of 25 and under 45, 18 of 45 and under 65, and 25 of 65 years of age and upwards.

Diseases ill-defined or unknown caused 2 deaths—decrease 3, viz. 1 under 1, and 1 of 45 years of age and under 65.

Dysentery caused 1 death in an ex-soldier, contracted abroad, of 25 years of age and under 45.

TABLE 1. **Vital Statistics of Whole District during 1920 and previous Years.**

Year.	Population estimated to middle of each year.	BIRTHS.			Total Deaths Registered in the District.		Transferable Deaths.		Net Deaths belonging to the District.			
		Un-corrected Number.	Net.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number	Rate per 1,000 Net Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1915	24,595	498		20.24	483	19.2	79	7	54	108	411	16.71
1916	24,595	527	529	21.5	426	17.3	72	9	34	64	363	14.7
1917	24,108	405	401	16.6	440	20.3	90	8	37	92	358	16.5
1918	25,089	467	459	18.2	542	21.6	134	7	24	52	415	18.4
1919	23,186	393	387	16.6	390	17.5	44	17	24	62	363	16.3
1920	23,145	613	593	24.2	291	12.5	46	13	36	59	258	11.1

INFANTILE MORTALITY.

The number of deaths under 1 year of age was 38 including 3 outward transfers. There was 1 inward transfer making the nett number of deaths 36. This was an increase of 12 over 1919, of 14 over 1918, a decrease of 2 over 1917, and a decrease of 14 over 1916.

The Infantile Mortality was 59 to 1,000 births registered.

The Infantile Death Rate for 148 smaller towns of England and Wales for population from 20,000 to 50,000 was 80 to 1,000 births registered.

Premature Birth caused 10 deaths including 1 outward transfer—increase of 7 deaths over last year, 1 of these only survived 10 minutes.

Bronchitis caused 3 deaths—increase 2.

Pneumonia (all forms) caused 4 deaths—increase 2.

Diarrhœa, Gastritis and Gastro-Enteritis caused 4 deaths—
increase 1.

Convulsions.—2—the same.

Marasmus.—2—including 1 outward transfer, the same.

Infantile Debility caused 5 deaths—increase 3.

Tabes Mesenterica.—1—increase 1.

Malformation of Hard Palate.—1—decrease 1.

Congenital Syphilis.—1—the same.

Measles.—1—an outward transfer.

Other Defined Diseases.—2—viz.: Intussusception 1, Skin disease 1.

Diseases ill-defined or unknown.—1.

There was 1 death due to Abdominal Tuberculosis, viz.:—
Tabes Mesenterica.

TUBERCULOSIS.

The number of cases notified during the year 1920 was 55 of which 21 were ex-soldiers, viz.:—32 males and 23 females. There were 44 Pulmonary cases, 28 males and 16 females, and 11 Non-Pulmonary, 4 males and 7 females. 9 of the Pulmonary cases died, 6 males and 3 females. There was an increase of 1 of the notified deaths over last year. 17 cases received Sanatorium treatment, with one death. 10 are still under treatment at the Sanatorium, 6 have been discharged, in 2 of these cases the disease has been arrested, and in 4 cases much improved, 20 received Tuberculosis Dispensary treatment, 9 Hospital, and 11 Domiciliary treatment.

The event of the year for Pulmonary Tuberculosis was the opening of the Lenham Sanatorium in which Canterbury has 10 beds fully occupied since the 15th of April. Mr. McClemens, Rev. Shallis, Dr. Bremner and myself visited the Sanatorium and were much pleased with all the arrangements made for the comfort and treatment of the patients.

The Canterbury Tuberculosis Dispensary under the able Superintendence of Dr. Pearce, is doing a great work in the Diagnosis, Prognosis and treatment of these cases. The Canterbury Union Shelters have received and treated 6 cases during the year.

The Institutional treatment of advanced cases which spread the disease more than any other type of case is still very deficient. I look forward to the time when the Small Pox site and building with the addition of shelters will be utilized for these cases.

The deaths from Pulmonary Tuberculosis were half what they were in 1919, viz.:—12 against 22.

DAY NURSERY.

This Institution has been much handicapped during the past year. Now that the soldiers have returned from the war, it is not necessary for their wives to go out working, so they can stop at home and look after their children, and hence it is difficult to keep up an average daily attendance of 12 which is necessary to justify the expense. The daily average for last year was 8. As Medical Officer of Health, I shall be extremely sorry if it has to close down as it is one of the links in the chain which bind the various health services in Canterbury together.

TUBERCULOSIS.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1920.

Summary of Notifications during the year 1920, in the City and County Borough of Canterbury.

AGE PERIODS:	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and up- w'ds	total	Number of Cases notified on Form C.	
													Poor Law Institution.	Sanatoria.
Pulmonary Males ...	—	1	—	1	—	2	13	7	4	—	1	29	6	17
Pulmonary Females ...	—	—	—	—	2	5	2	5	—	1	—	15	—	—
Non-Pulmonary Males	—	—	—	2	1	—	2	—	—	—	—	5	—	—
Non-Pulmonary Females	—	—	3	—	2	1	—	—	—	—	—	6	—	—
Totals ...	—	1	3	3	5	8	17	12	4	1	1	55	6	17

Yearly Report of Health Visitor for Year ended 31st December, 1920.

Month.	A. Notification of Births.		Deaths of Children.		C. Ante-natal.		D. Infectious Diseases.						
	1	2 Re-Visits	1 Under 1 Year.	2 From 1 Year to 5 Years	1 Primary.	2 Re-Visits.	1 Measles	2 Whooping Cough	3 Chicken Pox	4 Diphtheria	5 Ophthalmia Neonatorum	6 Tuberculosis	7 Scarlet Fever
January ...	66	121	5	3	8	44	10	12	2	—	—	3	—
February ...	49	103	2	3	17	42	14	24	3	—	—	4	—
March ...	63	188	5	2	12	85	9	30	2	—	1	7	—
April ...	35	115	4	2	6	48	2	25	—	—	—	—	—
May ...	40	179	2	2	11	52	1	10	3	—	—	2	—
June ...	66	132	—	—	6	33	—	12	2	—	2	2	—
July ...	20	65	1	—	3	12	—	—	4	—	—	—	—
August ...	73	149	4	—	2	31	—	—	—	—	—	—	—
September	52	180	4	—	9	19	—	—	4	—	1	—	—
October ...	65	168	2	—	1	23	—	—	4	—	—	—	—
November	31	164	3	—	2	12	—	2	6	—	—	—	—
December...	34	26	2	—	3	35	—	—	6	—	—	—	—
Total ...	549	1590	34	12	80	436	36	115	36	5	4	18	1

CANTERBURY MATERNITY HOSTEL REPORT, From date of opening, Jan. 12th, 1920—Jan. 1st, 1921.

Maternity Hostel.

This Institution was opened on January 12th, 1920 by His Grace the Archbishop of Canterbury accompanied by Mrs. Davidson. It is under the able Superintendence of Miss Maycock, the Matron, herself an excellent Midwife. Pupils are being trained there. Many cases have been admitted as shewn by the Matron's Report. The Institution is doing very valuable work and is worthy of all the support the City and and County can give it.

No. of Cases admitted during the year—Midwifery	...	38
" " " " Doctors	...	48
		<hr/>
Total	...	86

No. of Cases discharged—82. *67*

No. of Canterbury Cases—~~15~~, included in the total as above. *County 19*

No. of Cases on books for admission on 1st day of this year—30.

No. of times Medical Aid has been sought—21.

No. of Still Births during the year—6.

No. of notifiable diseases—1 Puerperal Fever, removed to Canterbury Infirmary on July 12th, imported from Herne Bay.

2 pupils have been trained in Midwifery during the year; both Candidates passed the Central Midwives Board examination on November 2nd.

CANTERBURY MATERNITY DISTRICT REPORT, From January 4th, 1920—January 1st, 1921.

No. of Midwifery Cases attended by Midwives only	...	174
" " " Doctors only	...	26
		<hr/>
Total	...	200

Medical Aid has been sought—45.

No. of notifiable diseases—1, discharge of eye (infants).

No. of Still Births—5.

A. H. I. MAYCOCK, *Matron.*

INFANT CONSULTATION CLINIC held every Thursday, 2.30 p.m. M.O.H. attends at 3 p.m.

Times Opened.—51.

Members—365. Total Attendances—3,142.

Medical Advice.—540.

Successfully Operated Upon.—In homes or hospital—

Visits paid by the M.O.H. on behalf of Health Visitor.—245.

Milk Supplied Free to Necessitous Cases.—

Ante-Natal and Post—17.

Infants—

Children under 5 years—1.

Cost Price.—Post-Natal Cases—4.

Children—6.

Average weekly attendance—61.

ANTI-NATAL CLINIC held every Tuesday, 2.30 p.m.

Times Opened.—50.

Members—75. Attendance—1,177.

Received Medical Advice.—Ante-Natal—24.

Post-Natal—56.

Thrift Club.—Paid in during the year £33 10 0d.

Clothing Club.—Where Members can obtain material at cost price, and garments are made up free by the Ladies' Working Party.

Drug and Patent Foods, &c.—Sold at cost price.

Voluntary Helpers.—Mrs. Aitken, Miss J. Lefevre, Miss Russell, Miss Watson, Miss Fowler, Miss Mason, Mrs. F. Lefevre, Miss Keane.

MRS. MAGUIRE, *Health Visitor*.

MIDWIVES ACT.

Under this Act I have visited the homes of the Midwives and examined their equipment and records and found them satisfactory. There are at present 3 Midwives practising in the City, 2 at the Union, 1 at a Nursing Home, and 1 at the Maternity Hostel—making 7 altogether.

VENEREAL CLINIC.

The work of the Clinic is carried out by 2 Medical Officers who each have 2 sessions weekly. Total number of persons treated during the year was 323—an increase of 75 over last year. Total number of attendances 2,508—an increase of 424 over last year.

NATIONAL COUNCIL FOR COMBATING V.D. Canterbury Local Branch.

During the past year the following meetings have been held by the Branch:—

The Annual Meeting in February was addressed by Dr. Victoria Bennett who dwelt upon the importance of Sex-Education.

In May a Conference of Teachers was held when the subject of Sex-Education was discussed and the desire was expressed for a course of lectures on the question.

In November Mrs. Clare Eslett addressed a crowded meeting of Women in the afternoon and also a gathering of Parents in the evening.

On this occasion there was a good sale of pamphlets by Dr. Mary Schartist and Mrs. Clare Eslett containing suggestions to parents as to best way of teaching their children the facts of life.

The Committee of the Branch have held eight meetings during the past year, and a Representative attended the Branch Conference held in London in March.

REV. P. A. L. CLARKE, *Hon. Sec.*
MRS. GIBSON, *Hon. Assist. Sec.*

INFECTIOUS DISEASES.

The number of chief Infectious Diseases (excluding Tuberculosis) notified during the year 1920 was 80, as follows :—

Year.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Erysipelas.	Puerperal Fever.	Ophthalmia Neonatorum.	Polionyelitis	Cerebro- Spinal Fever.	Malaria.	Pneumonia.	Dysentery.
1919	14	75	2	10	1	2	—	—	26	36	—
1920	7	22	4	8	1	9	—	—	23	5	1
Increase	—		2	—	—	7	—	—	—	—	1
Decrease	7	53	—	2	—	—	—	—	3	31	—
Military Cases	1	1	—	—	—	—	—	—	23	—	1

Total Decrease—86.

The largest increase over 1919 is Ophthalmia Neonatorum —7. The cases of Malaria were all among demobilized soldiers.

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ZYMOTIC DEATH RATE.

The number of deaths notified from Zymotic Diseases was 10; Measles 4; Diphtheria 1; Diarrhoea 1; Whooping Cough 3; Erysipelas 1.

The Zymotic death rate was 0.5 per 1,000 deaths.

INFECTIOUS DISEASES HOSPITAL.

The number of cases treated at the Sanatorium was 31, as follows:—Diphtheria, 19; Scarlet Fever, 7; Typhoid Fever, 2; Tonsilitis, 3.

One death occurred of a patient suffering from Diphtheria.

The accommodation was sufficient, the institution being at all times in good order, under the efficient supervision of the Matron.

Small Pox Hospital unoccupied, no cases of Small Pox having occurred during the year.

The number of children vaccinated, 125, and re-vaccinated, 6, performed by the Vaccination Officer, Dr. B. Rigden.

TABLE II.
Cases of Infectious Disease notified during the Year 1920.

Notifiable Diseases.	NUMBER OF CASES NOTIFIED.								Total cases removed to Hospital	Members of H.M. Forces.
	At all Ages	Under 1	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards		
Small Pox... ..	—	—	—	—	—	—	—	—	—	—
Choiera and Plague ...	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous Croup) ...	22	—	5	13	3	1	—	—	19	1
Erysipelas... ..	8	—	—	—	1	2	3	2	—	—
Scarlet fever	7	—	1	4	2	—	—	—	7	1
Typhus fever	—	—	—	—	—	—	—	—	—	—
Enteric fever	4	—	—	2	2	—	—	—	2	—
Relapsing fever Continued fever	—	—	—	—	—	—	—	—	—	—
Puerperal fever	1	—	—	—	—	1	—	—	1	—
Cerebro-spinal Meningitis	—	—	—	—	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum...	9	9	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis...	44	—	1	1	9	27	5	1	17	19
Other forms of Tuberculosis	11	—	—	5	4	2	—	—	9	2
Dysentery	1	—	—	—	1	—	—	—	—	1
Pneumonia	5	1	1	1	—	—	2	—	—	—
Malaria	23	—	—	—	3	17	3	—	—	23
Totals	135	10	8	26	25	52	13	3	55	47

Isolation Hospital or Hospitals, Sanatoria, &c.:—Isolation Hospital within the District.
City of Canterbury Corporation Sanatorium.

HOUSING AND TOWN PLANNING ACT, 1909. 1920.

The number of inspections made during the year, under the Housing (Inspection of District) Regulations was 77.—Of these, in the case of 24 houses, closing orders were made after representations had been made by the Medical Officer of Health and Sanitary Inspector that they were in such a condition as to be unfit for human habitation.

Owing to the shortage of houses within the City area, it is impossible to serve notices upon the occupiers to cease to inhabit these houses at the present time.

At the Council Meeting held in July 1920 the Council upon the representation that certain houses, being vacant, and and unfit for habitation, made demolition orders in respect to Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 Delesaux Square, and Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 St. Gregory's Square.

During the year a request was made by the Public Health Committee for an assistant Sanitary Inspector to be appointed for proceeding with further inspections under the Regulations, the Council, after very careful consideration, decided that the present time was inopportune for such appointment.

One is pleased to report the endeavour to redecorate a large number of the smaller cottages during the summer months, and trusts that this work will be continued so as to prevent damp walls in many cases from defective gutters, down-pipes and window-sills. Also from an Aesthetic standpoint, it is a great pleasure upon visiting a well known old City such as Canterbury, to find the homes, some of great antiquity kept in good and clean condition, with passages and entrances limewashed.

The Council are proceeding with part of their Housing scheme, at Forty Acres, St. Dunstan's, the roads, sewers, drains, etc., are being constructed; it is proposed to commence the construction of these houses at an early date.

The scheme for this site proposes building 68 houses, 28 of the parlour type; 40 of the non-parlour type with 3 bedrooms and bathroom in each case.

Plans for new houses are submitted for approval of the Council through the Roads and Survey Committee, the inspection being subsequently carried out by the Surveyor's Department.

30 plans were submitted for new houses and bungalows during 1920.

NAME OF STREET.	No. Inspected	No. of Houses Unfit for Habitation	No. of Representation to the Local Authority	No. of Closing Orders made	No. of Houses Remedied without Closing Orders	No. of Closing Orders Determined	No. of Houses dealt with under Public Health Act	No. of Houses not Requiring Remedy	No. of Houses dealt with under Section 15	GENERAL CHARACTER OF DEFECTS FOUND.
Abbot's Place. ...	2	..	..	..	2	..	2	..	..	Defective drain, damp walls.
All Saints' Lane.	5	5	5	5	..	..	..	..	..	Defective drain, insufficient sanitary accommodation. General dilapidations.
All Saints' Square.	8	8	8	8	..	..	..	..	..	Insufficient sanitary accommodation. Want of ventilation. General dilapidations.
Beer Cart Lane.	2	..	..	..	2	..	2	..	..	Damp walls. Want of paving to yards.
Broad Street. ...	2	..	..	..	2	..	2	..	..	Want of proper water supply. Defective W.C's.
Castle Street. ...	5	..	..	..	5	..	5	..	..	Defective sanitary accommodation. Want of proper paving to yards.
Camden Terrace.	8	..	..	..	8	..	8	..	..	Defective drain, paving to yard. Damp walls.
Gas Street.	2	..	..	..	2	..	2	..	..	Want of proper sanitary accommodation. Defective paving to yards. Walls dilapidated.
King Street. ...	4	2	2	2	2	..	2	..	..	Want of proper sanitary accommodation. Premises dilapidated and dirty.
Kirby's Lane. ...	8	8	8	8	..	..	..	..	..	Premises dilapidated, badly constructed. Vermin in premises. Defective doors, walls, guttering, down-pipes, etc.
Newtown Street.	6	..	..	..	6	..	6	..	..	Walls damp and dilapidated. General insanitary condition.
Northgate Street.	5	..	..	..	5	..	5	..	..	Defective drain, roof, plaster, walls, guttering and paving to yard.
Northgate Place.	1	..	..	..	1	..	1	..	..	Defective drain, roof, plaster, walls, guttering and paving to yard.
Old Ruttingdon Lane.	2	..	..	..	2	..	2	..	..	Defective drain, paving to yard, etc.
Orchard Street. ...	1	..	..	..	1	..	1	..	..	Defective drain, paving to yard, etc.
Military Road. ...	2	2	2	2	..	..	..	..	..	Vacant. Roof fallen in. No sanitary accommodation. Premises filthy.
Rosemary Lane.	1	..	..	..	1	..	1	..	..	Want of proper sink, paving, flushing, cistern to W.C. paving to scullery, etc.
Stour Street and Spratt's Square. ...	4	..	..	..	4	..	4	..	..	Defective drain. Walls damp. Want of proper windows and ventilation.
Wincheap Grove.	8	..	..	..	8	..	8	..	..	Defective drain. Want of flushing cisterns to W.C. pans. Defective paving to yards. Walls damp.
Union Row. ...	1	..	..	..	1	..	1	..	..	Premises dilapidated, damp, and in insanitary state.

FACTORY AND WORKSHOPS ACT.

The number of inspections made during the year was 130, viz.:—Factories, 14; Workshops and Work-places, 116; also a number of visits while repairs were in progress.

26 Preliminary Notices were served to abate nuisances, as follows:—

Particulars.	No. of Defects Found.	No. of Defects Remedied.	Prosecutions.
Nuisances under the Public Health Acts—			
Want of Cleanliness ...	4	4	
Want of Proper Drainage to Floors	—	—	
Other Nuisances	48	44	
Sanitary Accommodation Insufficient	2	2	Nil.
Sanitary Accommodation Defective	14	13	
Offences under the Factory Acts—			
Breach of the Sanitary Requirements as to Bakehouses	4	4	
Totals	72	67	Nil.

Two reports were received from H.M. Inspector of Factories. The occupier's attention was called to the matters, when the were immediately remedied.

Two Underground Bakeries are registered in the City. These, on inspection, were found in good order.

Number on Register end of Year, 1919.

Factories	No.
Workshops—	51
Bakehouses	45
Out-worker Premises	51
Other Workshops	201
	— 297
Total	348

OUTWORKERS' LISTS, SECTION 107.							
NATURE OF WORK.		Lists received from Employers.					
		Sending twice in the year.			Sending once in the year.		
		Lists. (2)	Con- tractors. (3)	Outworkers. Work- men. (4)	Lists. (5)	Con- tractors. (6)	Outworkers. Work- men. (7)
(1)							
Wearing Apparel— making, &c. ...	...	32	8	94			
cleaning and washing...		—					
Brushmaking ...	...	2	—	4	Nil.	Nil.	Nil.
Lace, lace curtains and nets		2	—	6			
Curtains & furniture hangings		—	—	—			
Furniture and upholstery ...		2	—	6			
Total ...		38	8	110			

One case was reported of wearing apparel being altered in unwholesome premises. Notice was served upon the occupier to cleanse the premises, this was immediately done, the workroom being thoroughly cleansed and purified to the satisfaction of the Sanitary Inspector.

MEDICAL INSPECTION OF SCHOOL CHILDREN.

The School Medical Officer reports that he has examined all entrants, leavers, all children between 8 and 9 years of age and all those with defects brought to his notice by the School Teachers.

1,071 Children were medically examined, 307 were perfectly sound and 764 had one or more defects, out of this number—348 cases of defective teeth. Now the Council have made arrangements with the Hospital for the Dental Surgeon to visit the Schools and examine the children's teeth with a view to treatment and prevention.

Measles.—The Infant Departments of the following Schools were closed for 3 weeks in connection with this disease:—St. Paul's, St. George's, St. Mildred's, Holy Cross, St. Mary Bredin's, the Diocesan, Payne Smith, and the Boys' School, St. Mildred's

In conclusion, I beg to call attention to the remarkable vital records in my Report.

First.—To the increase of the birth rate from 18.5 to 24.2 per 1,000, the highest for the past 10 years.

Secondly.—The decrease of the death rate from 16.3 to 11.1 per 1,000, the lowest death rate on record.

Thirdly.—The decrease in the Infantile Mortality from 62 to 59 per 1,000 births registered compared with 80 per 1,000 to births for the 48 smaller towns of England and Wales.

Fourthly.—The low zymotic death rate—0.5 per 1,000. I wish especially to thank the Sanitary Inspector and the Health Visitor for their untiring and invaluable assistance. I wish to thank the Matron of the Maternity Hostel, Miss Waterfield and her voluntary workers at the Day Nursery, Mrs. Aitken and the voluntary workers at the Infant Welfare Centre.

I remain,

Mr. Mayor, Aldermen and Councillors,

Your obedient servant,

FRANK WACHER.

RANMORE.

February, 1921.

REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1920.

Sanitary Inspector's Office,
Municipal Buildings,
Canterbury.

MR. MAYOR, LADIES AND GENTLEMEN,

I have the pleasure herewith in presenting to you my report and summary of work done during the year 1920.

I desire to tender my best thanks to the Members of the Council for their support during the year, also to the officials of the Council for their help and advice in carrying out the various duties of a Sanitary Inspector.

Owing to the increased cost of labour and materials it is somewhat difficult to decide the best course of action in dealing with properties of such low rental as are found during inspections in the City.

On the one hand we have the large cost of providing new cottages, with a rental which must be prohibitive to the poorer class, on the other hand the congestion and insanitary environment of some of the courts and passages.

At one time it was thought probable that new houses would be provided for a number of the working class earning low wages. This, at the present time appears doubtful, with the cost of the smallest houses to be erected at something like £1,000 each. Should these new houses be let at anything approaching an economic rent, I am convinced that nearly every inhabited house in the City, however small, will remain for some years, whether as an asset or liability to the different owners concerned, there is much difference of opinion.

The work of providing W.C pans with adequate means of flushing with fresh water supply has proceeded steadily throughout the year. 123 new waste water preventors being provided and fixed.

29 Statutory and 233 Preliminary Notices were served to Nuisances. It is gratifying to find such a large amount of the work carried out, 83 per cent, without the necessity of serving Statutory Notices.

One summons was issued during the year for abatement of a nuisance, this was in respect to a dirty occupier.

I remain,

Your obedient Servant,

SAMUEL JEFFERY.

Cert. Royal Sanitary Institute.

Meat Insp.

“ “ “ “

Advt. Hygiene Board of Education.

Member Sanitary Inspector's Association.

—O—

RETURN OF SANITARY WORK FOR 1920.

No. of Premises Inspected (Public Health Acts)	...	356
“ “ “ (Infectious Diseases)	...	25
“ “ “ (Factories and Workshops)	...	103
“ “ “ Dairies, Cowsheds, and Milkshops	...	58
“ “ “ Ice Cream Makers	...	13
“ “ “ Bakehouses	...	27
“ “ “ Slaughterhouses	...	273
“ “ “ Food Control	...	83
Visits <i>re</i> Sale of Food and Drugs, Act	...	116
“ “ Samples of Water—Public Supply	...	11
“ “ Private Supply	...	13
“ “ Sale of Food Stuffs	...	67
No. of Dwelling Houses Inspected (Housing and Town Planning Act)	...	77
<i>Re</i> Inspections, calls made, etc.	...	3698

Total Inspection and Calls ... 4920

Preliminary Notices served	233.	No. complied	201	
Statutory Notices served	29.	" "	25	
Complaints received	92.	Verbally	36.	
Letters written	145.	In writing	56	
Particulars. Drains tested.	Water	173.	Smoke	361
	Chemical	74—608.		
Drains found defective.	Water	173.	Smoke	167.
	Chemical	37—226.		

No. of Notices outstanding end of each year	49.
No. of Notices outstanding Work in hand	30.
No. of Notices outstanding Work not commenced	19.

IMPROVEMENTS.

Drains.—Re-constructed	...	...	...	...	62
Repaired	...	...	...	...	134
Soil pipe or ventilation pipes repaired or provided	...	...	...	...	44
Gulley or other traps fixed	...	...	...	...	196
Water Closets or Closets—					
W.C's. provided with pan trap and water supply	...	...	...	...	107
Pan and trap provided	...	...	...	...	107
Water supply provided (Sec. 36. 1875.)	...	...	...	...	123
Cleansed or pail repaired	...	...	...	...	134
Ventilated	...	...	...	...	41
Cesspools abolished	...	...	...	...	1
Urinals Cleansed or Water Supply provided	...	...	...	...	6
Sanitary Dustbins provided	...	...	...	...	—
Yards—Paving repaired	...	...	...	...	96
Yards—Paving provided	...	...	...	...	53
Sinks provided	...	...	...	...	27
Water Supply provided to dwelling house	...	...	...	...	21
Overcrowding abated	...	...	...	...	—
Other Improvements—					
Rooms cleansed	...	...	...	...	59
Walls repaired for dampness	...	...	...	...	59
Floors repaired or ventilated	...	...	...	...	48
Roof repaired	...	...	...	...	52
Guttering repaired	...	...	...	...	45
Rooms Disinfected	...	...	...	...	156
Miscellaneous Improvements	...	...	...	...	210
Total Improvements					1781
Total Premises Improved					340

Summary of Prosecutions during the Year.

Nature of Offence.	No. of Summons.	Fines, etc.
Food and Drugs Acts	3	£3 10 0
Diseased Meat, etc.	1	£10 0 0
Non-compliance with Notices—		
Public Health Acts	1	£2 0 0
Costs allowed	—	£2 2 0
Breaches of Food Controller's Orders	6	£23 10 0
Totals	11	£41 2 0

INSPECTION OF FOOD.

340 inspections of Slaughterhouses and Food Depots were made during the year 1920.

The inspections of Food Stuffs has engaged a large part of your Inspector's time, it having been decided to sell part of the diseased meat for purposes other than human food. The meat is cut and treated with carbolic fluid before being sold. Nearly the whole of the offals condemned are destroyed in the councils' destructor.

It was necessary in one case to seize a quantity of fish exposed for sale, upon conviction the seller was fined £10.

During the year a Sub-Committee visited each of the Slaughterhouses in use in the City, a Report being made, and subsequently adopted by the Public Health Committee for putting these premises in a sound sanitary condition. The number visited was as follows:—

	No. in use end of year 1913.	No. visited 1920.	No. in which re- pairs considered necessary.	No. closed by oc- cupiers owing to cost of repairs.	No. in use end of year 1920.
Licensed Slaughter- houses ...	7	6	5	—	6
Registered Slaugh- terhouses ...	15	10	10	1	9
Total ...	22	16	15	1	15

A large amount of repairs were carried out, and in two cases almost entire reconstruction of the premises. The inside walls in each case are cemented to a height of 4 feet above floor of slaughterhouse, the woodwork being lined and easily washed down.

CLASSIFIED CONDEMNED FOODS, 1920.

No. of animals diseased or unsound food stuffs examined.	DESCRIPTION.	DISEASES.	Weight of lbs.
5	Whole Carcase of Bullock and Offals.	Tuberculosis 5	3,229
9	Part Carcase of Bullock and Offals.	Tuberculosis 6 Actinomycosis 1 Unwholesome 2	1,568
148	Bullocks' Offals.	Tuberculosis 91 Actinomycosis 11 Distoma Hepm. 27 Cysts 7 Abscess 7 Angioma 2 Pleurisy 2 Unwholesome 1	6,007
9	Whole Carcase of Sheep.	Abscess 1 Unwholesome 8	1,109
8	Part Carcase of Sheep.	Abscess 2 Injuries, uns'nd 6	167
32	Sheep's Offals.	Distoma Hepm. 20 Abscess 3 Strongylus Ruf's 1 Unsound 2	303
9	Carcase of Pig & Offals.	Tuberculosis 7 Nephritis 2	989
13	Pigs' Offals.	Tuberculosis 4 Cysts 4 Angioma 1 Abscess 1 Unwholesome 3	157
15	Bacon.	Unsound 14 Cysts 1	182
2	Fish.	Unsound	228
6	Imported Rabbits.	Unsound	212
20	Tinned Meat	Unsound	358
7	Tinned Fish.	Unsound	93
20	Tinned Milk.	Unsound	471
6	Various Tinned Foods	Unsound	114
4	Jam and Syrup.	Unsound	9
2	Butter.	Unsound	10
1	Cheese.	Unsound	33½
3	Eggs.	Unsound	338

SALE OF FOOD AND DRUGS' ACT.

The number samples submitted to Public Analyst during the year was 116.

Samples obtained.	Formally	Informally	Total	No. Adulterated	Action Taken.
					Sample No. 4 contained 5% extraneous water. Vendor summoned.
					Fined 10s. 0d.
					No. 14. Deficient in fat 32%. Vendor summoned. Fined £2.
					No. 31 contained 2'95 of milk fat
					No. 32 " 2'94 " } No action.
					No. 36 " 2'86 " }
					No. 74 " 2'90 " }
					No. 34 " 2'56 " a subsequent sample, No. 45,
					taken at place of delivery to vendor, contained 2'76 of
					milk fat. Vendor cautioned.
					No. 46 was deficient in milk fat 10%. Vendor summoned.
					Fined £2, £1 1s. 0d. costs.
					Nil.
Separated Milk ...	1	—	1	—	Sample No. 99. Informally procured. Contained carbolic acid.
Ginger Wine ...	5	1	6	2	Sample No. 100 contained 2'5 grains of carbolic acid per pint.
					Vendor summoned. Fined £1.
Butter ...	—	7	7	—	Nil.
Margarine ...	—	5	5	—	"

Dripping...	...	—	3	—	Nil.
Lard ...	...	—	2	—	"
Sugar ...	...	—	1	—	"
Pork Pie...	...	—	1	1	Contained 53'9 grains of boric acid per lb. in meat examined.
Sausage Meat	...	—	9	1	Sample No. 106 contained 42'7 grains per lb. of boric acid. Informally taken.
Self Raising Flour		—	1	—	Nil.
Cake Flour ...	...	—	1	—	"
Ice Cream Powder		—	1	—	"
Ice Cream ...	...	—	4	—	"
Cream ...	...	—	2	—	"
Arrowroot	...	—	1	—	"
Vinegar ...	...	2	—	—	"
Pepper ...	...	—	2	—	"
Coffee ...	...	—	2	—	"
Compound		—	—	—	"
Liquorice Powder		—	2	—	"
Totals ...	...	68	48	116	Percentage adulterated 10'3.

Standard. Milk Fat 3'00. Non-Fatty Solids 8'50, below
 which it is presumed milk is adulterated.

PUBLIC HEALTH (MILK AND CREAM) REGULATIONS 1912—1917.

Report for the Year 1920.

1. Milk ; and Cream not sold as Preserved Cream.

	(a.) Number of samples examined for the Presence of a Preservative.	(b.) Number in which Preservative was reported to be present, and Percentage of Preservative found in each Sample.
Milk ...	61	Nil
Cream ...	Nil	Nil

Nature of preservative in each case in column (b) and action taken under the Regulations in regard to it.

2. Cream sold as preserved Cream.

(a) Instances in which samples have been submitted for analysis to ascertain if the statements on the label as to preservatives were correct.

(i) Correct statements made	...	...	2
(ii) Statements incorrect	...	...	0
Total	...	...	2

(iii) Percentage of preservative found in each sample :—Cream 0·37 Boric Acid.

" 0·22 "

Percentage stated on Statutory label :—

Cream 0·4 Boric Acid.

" 0·4 "

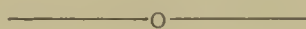
(b) Determinations made of milk fat in cream sold as preserved cream.

(i) Above 35 per cent.	...	...	...	2
(ii) Below 35 per cent.	...	...	...	0
Total	...	...	...	2

(c) Instances where (apart from analysis) the requirements as to labelling or declaration of preserved cream in Article V (1) and the proviso in Article V (2) of the Regulations have not been observed—nil.

(d) Particulars of each case in which the Regulations have not been complied with, and action taken—nil.

3. Thickening substances.—Any evidence of their addition to cream or to preserved cream. Action taken where found—nil.



DAIRIES, COWSHEDS, MILKSHOPS.

Number on Register end of year :—

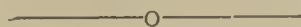
Cowsheds ...	...	...	11
Dairies ...	...	...	26
Purveyors ...	...	...	10
			47
			47

58 Inspections have been made during the year, also a number of revisits during repairs.

5 Preliminary Notices, referring to 13 nuisances were served, these have now been complied with.

The utensils inspected were, with one exception, in good condition and clean.

In one case it was necessary to object to the condition of a milk-pail, which was immediately removed, and not again used in milk distribution.



WATER SUPPLY.

24 samples of water were submitted for analysis during the year.

11 procured from the "Public Supply" were of good quality.

13 procured from private supplies. 3 of these were reported as unfit for drinking purposes. The owners of three houses from which these were procured, were written to, requesting that a proper supply of water be provided. This has now been done in each case.

During the year representation was made to the Company supplying the public water service as to the cloudy condition of the water also the large amount of "total solids" present in the samples procured.

The water company immediately took steps to remedy this matter, the total solids being considerably reduced upon subsequent samples being analysed.

During June 1920, a sample of water procured from a water tap in the St. Dunstan's District was submitted to the County Laboratory at Maidstone bacteriological examination, the report was as follows:—

"B. coli. was absent from 90 c.c's. of this water."

"This water is of good quality."

I beg to remain, Ladies and Gentlemen,

Your obedient servant,

S. JEFFERY.

